

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listing of claims in the application.

1-14. (Canceled)

15. (Currently Amended) A medical data recording method comprising:
receiving medical data information in DICOM format through a software module and
parsing patient identification information and study information from the
received medical data information, the medical data further comprising one or
more files,
storing the parsed patient identification information and parsed study information, the
stored parsed study information and patient information coming from the one or
more files,
storing DICOM image information coming from the one or more files,
noting the end of the received medical data information through the software module
for each patient,
creating a job containing medical data for a patient, and medical data image viewing
software, and
providing a print information file for an autoloader control software, the print file
information having selected fields obtained from an automatic scan of the stored
parsed patient identification information and the stored parsed study
information,
submitting the job to the autoloader control software, and
recording DICOM image information from the one or more files on the recording
media,
recording other files as defined by DICOM on the recording media,

~~recording a disc based on the job such that the medical data image viewing software is recorded on the disc along with the medical data and automatically printing a template selected fields of the automatically scanned and stored parsed patient identification information and the stored parsed study information on the recording media disc to label the recording media disc.~~

16. (Currently Amended) A medical data recording method as in claim 15 further comprising a step of, wherein autoloader control software includes instructions for moving the recording media from a recording position to a print position in response to a software instruction; and
moving the recording media to an output bin in response to a software instruction
loading the viewing software which automatically loads and displays the medical data after disc insertion in a computer.
17. (Canceled)
18. (Currently Amended) A medical data recording method as in claim 15 further comprising a step of,
backing up the medical data information on a recording media disc.
- 19-24. (Canceled)
25. (Canceled)
26. (Currently Amended) A medical data recording method as in claim 15 further comprising a step of, storing the job after the job has been created.
27. (Currently Amended) A medical data recording method as in claim 26 further comprising a step of, deleting the job patient information after submitting the job to the autoloader control software.

28. (Currently Amended) A medical data recording method as in claim 15 wherein providing print information for autoloader control software-includes information from the stored parsed study information, and wherein automatically printing selected fields includes information from the stored parsed study information 27 wherein ~~deleting the job occurs automatically after recording of the disc has completed.~~
29. (Previously Presented) A medical data recording method as in claim 15 wherein creating the job comprises utilizing a print file that includes a print template and print merge data.
30. (Currently Amended) A medical data recording method as in claim 15 wherein noting the end of the received medical data for a ~~each~~ patient comprises utilizing a time out period.
31. (Currently Amended) A medical data recording method as in claim 15 wherein recording the ~~disc~~ recording media comprises utilizing a CD-R.
32. (Currently Amended) A medical data recording method as in claim 15 wherein recording the ~~disc~~ recording media comprises utilizing a disc having a format selected from a group consisting of: CD-R, CD-RW, DVD-R, DVD-RW, and DVDRAM.
33. (Canceled)
34. (Canceled)
35. (Currently Amended) A medical data recording method comprising:
receiving medical data information in DICOM format through a software module communicatively coupled to a network, and
extracting patient identification information and extracting study information from the received medical data information,
storing DICOM image information coming from the medical data information,

storing the extracted patient identification information and extracted study information, ~~the medical data from the medical data information;~~ automatically scanning the medical data information for selected fields from one or more files, noting the end of the received medical data information through the software module for each patient, creating a job for a patient containing medical data, and medical data image viewing software, and providing a print information file for an autoloader control software, the print information file having selected fields obtained from an automatic scan of the stored parsed patient identification information and the stored parsed study information, submitting the job to the autoloader control software, and recording at least one DICOM image on a disc, recording other files as defined by DICOM on the disc, recording a disc based on the job such that the medical data image viewing software is recorded on the disc along with the medical data, the disc recorded at a first location, and automatically printing a template containing selected fields of the stored parsed extracted patient identification information and the stored parsed extracted study information, the selected fields used on the disc to label the disc, the printer at a second location different than the first location.

36. (Currently Amended) The medical data recording method as in claim 35 wherein the disc is loaded, and moved, ~~recorded and printed~~ automatically.
37. (Previously Presented) The medical data recording method as in claim 35 wherein the label for the disc includes selected logos, trademarks or images.

38. (Currently Amended) The medical data recording method as in claim 35 wherein receiving medical data information includes receiving a plurality of files at different times. 39.
39. (Previously Presented) The medical data recording method as in claim 38 wherein noting the end of the received medical data comprises utilizing a time out period.
40. (Currently Amended) The medical data recording method as in claim 35 wherein receiving medical data information includes receiving a plurality of patient files ~~from a plurality of for~~ different patients at different times.
41. - 44 (Canceled)
45. (Currently Amended) The medical data recording method as in claim 15 wherein the recording media ~~disc~~ is loaded, moved, and recorded ~~and~~ and printed automatically.
46. (New) The medical data recording method as in claim 15 wherein automatically printing a template includes using the scanned and stored parsed patient identification information and the stored parsed study information from the print file.
47. (New) A medical data recording method as in claim 15 further comprising automatically deleting patient information upon job completion.
48. (New) A medical data recording method as in claim 15 further comprising automatically keeping patient information when backup is enabled.
49. (New) A computerized medical data recording method comprising:
receiving medical information in the form of a DICOM file for a plurality of one or more patients, the medical information including images, patient identification information and study information;
sorting the medical information based on patient identity;

storing at least one DICOM file associated with a patient on a recordable media;
and

automatically printing a label on the recordable media, the label including at least a portion of the selected medical information, the portion of the selected medical information associated with the content of the at least one DICOM file stored on the recordable media.

50. (New) The computerized medical data recording method of claim 49 further comprising:

moving the at least one recordable media into a media print position in response to a software instruction; and

moving the at least one recordable media to an output bin in response to a software instruction.

51. (New) The computerized medical data recording method of claim 49 further comprising moving the at least one recordable media into a media recording and printing position in response to a software instruction.

52. (New) The computerized medical data recording method of claim 49 further comprising:

moving the at least one recordable media into a recording position in response to a software instruction;

moving the at least one recordable media into a printing position in response to a software instruction; and

moving the at least one recordable media to an output bin in response to a software instruction.

53. (New) The computerized medical data recording method of claim 49 wherein storing selected medical information to a file to control a printing operation includes storing the selected medical information in a merge file.

54. (New) The computerized medical data recording method of claim 49 further comprising:

automatically scanning the at least one DICOM file for selected fields of data; and
storing selected medical information to control a printing operation.

55. (New) The computerized medical data recording method of claim 49 further comprising automatically scanning the at least one DICOM file for selected medical information.

56. (New) The computerized medical data recording method of claim 55 wherein storing the selected medical information to control a printing operation includes storing information from a selected DICOM field associated with the DICOM file.